



Alexandria Mobility Plan

ADVISORY COMMITTEE MEETING #2

April 17, 2019

City Hall, Council Work Room

6:00 PM to 7:00 PM



AGENDA

- Welcome and Introductions (15 min)
- Where are we now? (10 min)
- About the Plan (15 min)
- Related Plans and Resources (10 min)
- Next Steps (10 min)



ADVISORY COMMITTEE MEMBERS

Committee Member	Appointee
Transportation Commission	Alyia Gaskins, Chair Stephen Klejst Melissa McMahon David Brown (Planning Commission) Oscar Gonzalez Jake Jakubek Casey Kane (Traffic & Parking Board) Bruce Marsh Carolyn Schroeder (Environmental Policy Commission) Canek Acquirre (Councilmember) John Chapman (Councilmember)
Alexandria Commission on Persons with Disabilities	Debby Critchley
Alexandria Chamber of Commerce	Maria Ciarrocchi



WELCOME AND INTRODUCTIONS

- Learn: Meet the new project manager
- Share: Your ideas/goals for this plan

THE ROLE OF THE COMMITTEE

Mission: Provide input to City staff on the development of the Alexandria Mobility Plan (AMP)

Tasks:

- A. Provide input on updated vision and guiding principles
- B. Provide input on chapter-specific content
- C. Discuss and advise on AMP update-related topics and questions
- D. Support community engagement efforts by reporting back to commissions, boards, and groups represented



TENTATIVE MEETING PLAN

Meeting #3	May 15, 2019	Trends / Best Practices
Meeting #4	June 19, 2019	Vision / Outreach Plan
Meeting #5	July 17, 2019	Innovation Forum
Meeting #6	September 18, 2019	SWOT / Guiding Principles
Meeting #7	October 16, 2019	Chapter Specific Goals and Objectives
Meeting #8	November 20, 2019	Smart Mobility Policy Questions
Meeting #9	December 18, 2019	TDM Strategies
Meeting #10	January 15, 2020	Streets Strategies
Meeting #11	February 19, 2020	Document Review / Draft Outreach
Meeting #12	March 18, 2020	Outreach Update
Meeting # 13	April 22, 2020	Updates to Draft / Endorsement



WHERE ARE WE NOW

Progress on strategies from 2008
Transportation Master Plan (TMP)
and the City's 2017 Strategic Plan

TMP ACCOMPLISHMENTS

We've advanced many major initiatives:

- Transit: Priority Corridors
 - Corridor A constructed
 - Corridor B identified funding and updating design
 - Corridor C beginning design and environmental in 2019
- Bicycle and Pedestrian
 - Updated in 2016
- Streets
 - Complete Streets Policy
 - TDM strategies
- Parking
 - Comprehensive study for supply/demand parking policies

TMP Outstanding Items

Some initiatives have not been started:

- Conduct HOV studies
- Develop means of data collection that provides an efficient means of tracking the success of streets serving all users.
- Systematically prioritize curb space
- Conduct feasibility study for parking structures outside of downtown due increase transit usage







Opportunities

New staff is being hired to advance certain initiatives:

- Parking Program Manager
- Smart Mobility Manager



CoA Strategic Plan 2022 Targets

<ul style="list-style-type: none">• Increase the percentage of commuters using alternative transportation options from 37 percent in 2013 to 40 percent	<ul style="list-style-type: none">• 2019 estimate: 40% 
<ul style="list-style-type: none">• Reduce the number of traffic crashes from 1,440 crashes in 2015 to 1,400	<ul style="list-style-type: none">• 2019 estimate: 1209 
<ul style="list-style-type: none">• Reduce the number of traffic crashes that result in fatalities and severe injuries from 2015's 15	<ul style="list-style-type: none">• 2016 reported: 22 
<ul style="list-style-type: none">• Reduce the number of pedestrians and bicyclists struck by vehicles from 2015's 106	<ul style="list-style-type: none">• 2016 reported: 96 
<ul style="list-style-type: none">• Maintain the percentage of residents with a positive view of the overall ease of getting to places they usually visit at or above 2016's 73 percent	<ul style="list-style-type: none">• 2019 estimate: 77% 
<ul style="list-style-type: none">• Increase Alexandria's Pavement Condition Index rating from 58 out of 100 (fair) in 2016 to 71 out of 100 (satisfactory)	<ul style="list-style-type: none">• 2019 estimate: 60 



ABOUT THE PLAN

Including peer examples



PLAN CONTEXT

City of Alexandria
Strategic Plan

Environmental
Action Plan
(Transportation)

Bicycle and
Pedestrian Master
Plan

Transit Vision
Study

Alexandria
Mobility Plan

Vision Zero
Implementation

State and
Regional Plans

Complete Streets
Guidelines

Residential Parking
Permit Refresh

PLAN OVERVIEW AND PURPOSE

- ▶ A strategic update to the 2008 Plan (not a completely new plan)
- ▶ Consistency with new policies and plans since 2008
 - ▶ Vision Zero
 - ▶ Complete Streets Guidelines
 - ▶ Bicycle and Pedestrian Plan
 - ▶ Environmental Action Plan 2040
- ▶ New context into vision, goals, and strategies
 - ▶ New mobility options
 - ▶ Enhanced technology
 - ▶ Changing demographics
- ▶ Opportunity to engage on the future of mobility in Alexandria

PLAN CONTEXT

Alexandria
Mobility Plan

Small Area
Plans

Long Range
Plan

Development
Review

Program
Management

Construction

Maintenance

PHASED APPROACH

Phase I – 2019 - 2020

- ▶ Introduction, Vision and Guiding principles
- ▶ Ch 2 Pedestrian & Bike – incorporation only
- ▶ Ch 3 Streets
- ▶ Ch 5 Framework for Smart Mobility Chapter
- ▶ Ch 6 Transportation Demand Management (TDM)

Phase II – 2021 - 2022

- ▶ Ch 1 Transit
- ▶ Ch 4 Parking & Curbside Management
- ▶ Ch 5 Smart Mobility

STREETS CHAPTER

- Street type designation and roles (updates to functional class)
- Operations and management (traffic calming, one-ways, etc.)
- Guidance for new developments (connectivity)

Sample questions for the Streets Chapter:

- How do we improve connectivity in the City while preserving neighborhood character?
- How can we better utilize our existing streets (for whom)?

I.	Introduction.....	2
II.	Summary.....	3
III.	Policies, Implementation Actions and Performance Measures.....	4
o	A Well-Connected Network of Streets Compatible with Adjacent Land Uses	
o	Complete Streets that Accommodate All Users and Encourage Alternatives to Driving	
o	Manage Streets to reduce Injuries Sustained in Traffic Crashes	
o	Manage Streets to Maximize Their Efficient Use and Minimize Long-Term Public Expense	
o	Enhance the Human and Natural Environments	
IV.	Functional Classifications and Controlled-Access Highways	19
o	Street Classifications	
o	Controlled Access Highways	
V.	A New Typology for Arlington Streets.....	23
o	Arterial Streets	
o	Local (Non-Arterial) Streets	
o	Alleys and Private Streets	
o	Street Improvement Projects	

0	Figure 1: Arterial Street Network Functional Classifications.....	20
0	Table 1: Arlington Street Typology with Associated Street Characteristics.....	26
0	Table 2: Local Streets Design Criteria	31

This map designates specific types of arterial streets. The proposed typology has been developed to shape decision-making about a given street section in terms of its planned land-use context and multi-modal function. This overlay is the principal guide for the rebalancing, redesigning and rebuilding of arterial streets to become Complete Streets that provide for all modes of travel as well as serve the adjacent land uses. More specific guidelines for improving the various designs of existing streets within each general type are set forth in the Street Modal Element. Non-arterial (local) streets should also have designed features to complement their land-use context and function as illustrated in the table below. Arlington will also continue to use its Functional Classification of streets to guide operational and maintenance priorities. Typical elements and dimensions for each street type are illustrated in the table below. Factors such as existing and planned land-use types and intensities, right-of-way availability, travel demand, transit operations, neighborhood character, historic designations, presence of mature trees, topography, and community concerns should be considered in the development of the final dimensions and design of any street.

Note: The nomenclature of the typologies, found in the legend and table above, is designed to help users understand the typology assignments by indicating where such street types are most commonly found. Land uses in the GLUP, other land-use plans or existing zoning designations are not meant to be affected, changed or interpreted based upon the name of an abutting street type.

Minneapolis' Streets Element

2010-2020 Plan

4. Ten-Year Action Plan.....	38
Objective 1: Make transportation design decisions based on place type in addition to street function	38
Objective 2: Ensure that all streets in the city are safe, convenient and comfortable for walking.....	43
Objective 3: Provide a well-connected grid of bike lanes.....	44
Objective 4: Provide the best possible transit service on a Primary Transit Network	45
Objective 5: Encourage people to walk, bike, take transit rather than drive	52
Objective 6: Optimize the use, safety and life of the street system	55
Objective 7: Manage and Operate Streets to Support All Modes of Transportation	60
Objective 8: Make consistent decisions for curbside uses	68

Citywide Action Plan



ACCESS MINNEAPOLIS

Ten-Year Transportation Action Plan



2020-2030 Plan
(Under Development)

TDM CHAPTER

- Non-infrastructure solutions to reduce single occupancy vehicle travel
- Education, encouragement, and marketing based

Sample questions for the TDM Chapter:

- How can we most effectively incentivize non-SOV trips in order to reduce congestion, GhG emissions, and municipal costs, and improve health and quality of life?
- How should we use technology to support improving mobility options?
- How should we integrate new modes into our TDM programs and ensure they are achieving our goals?

Arlington's TDM Element

Table of Contents

I.	Introduction	2
II.	Arlington's TDM and TSM Policies, Implementation Actions and Performance Measures	3
	o TDM Policies and Implementation Actions	
	o TDM Performance Measures	
	o TSM Policies and Implementation Actions	
	o TSM Performance Measures	
III.	Context	10
	o Background	
	o Demand Management	
	o Arlington County's Existing Commuter Services Program: The Delivery Mechanism for TDM	
	o Traffic Signals and Intelligent Transportation Systems	
	o Emergency Preparedness	
	o High Occupancy Incentive Corridors	
	o The Impetus for TDM and TSM	
	o TDM is Effective and Cost-Effective	
IV.	TDM Strategies.....	20
Tables:		
	Table 1. TDM and TSM Benefits.....	18
	Table 2. Mode Use at Arlington Worksites Offering TDM Services ..	19

SMART MOBILITY CHAPTER

Smart Mobility Framework

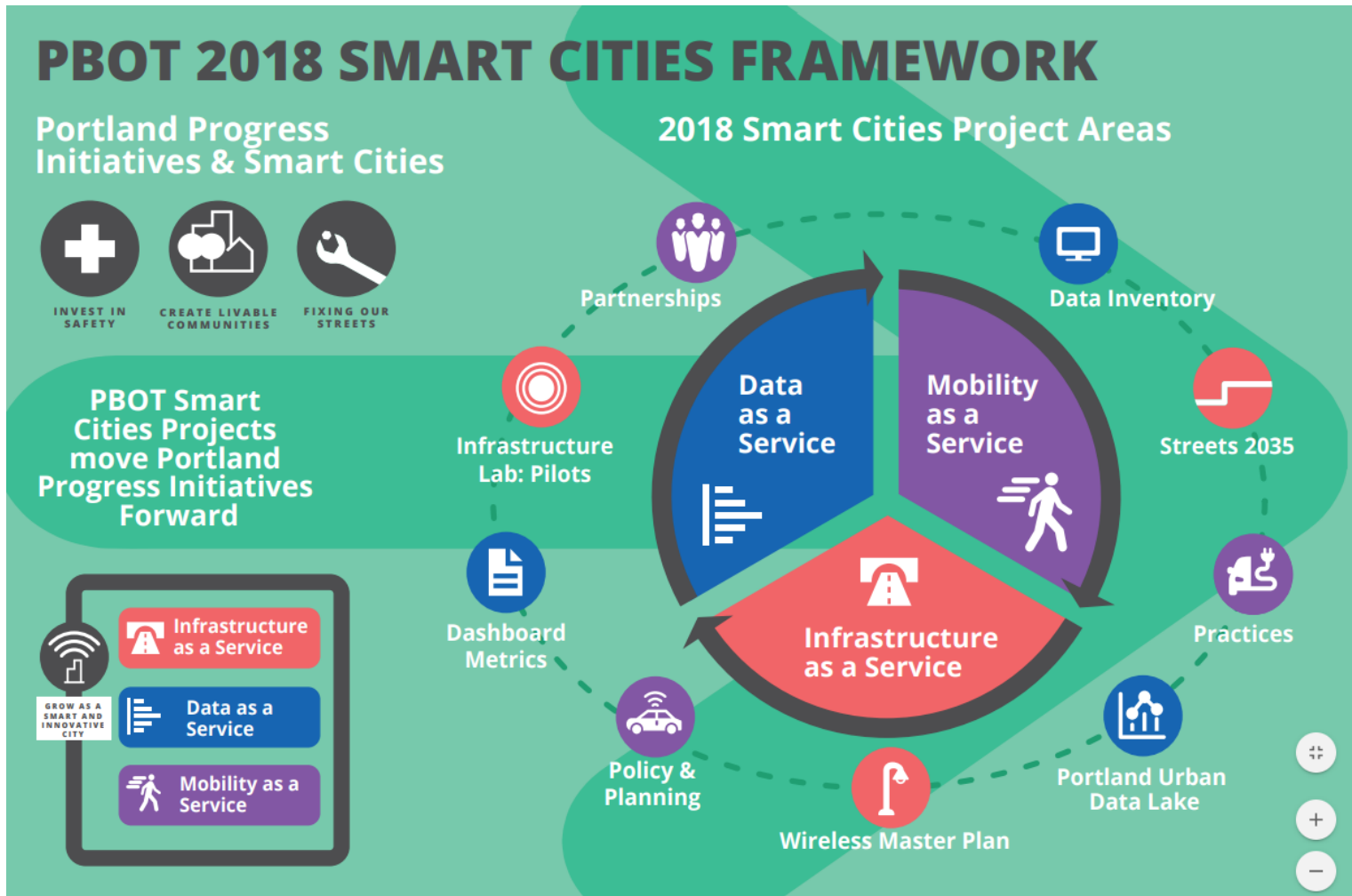
The Alexandria Mobility Framework defines Smart Mobility as:

- Applying Information Technology (IT) to the transportation system
- Supporting more affordable and sustainable mobility choices
- Using advancements in IT to collect, analyze, and apply data to optimize the transportation network

Sample questions for Phase I of Alexandria Mobility Plan:

- Are there additional smart mobility initiatives should the City explore to better achieve our goals?
- What policy questions must we consider as we develop a program to expand smart mobility?
- What are our priorities?

Portland: Smart Mobility



PHASE II CHAPTER CONTENT

Phase II – 2021 - 2022

- ▶ Ch 1 Transit
 - ▶ Incorporate Alexandria Transit Vision Plan
 - ▶ Address policies to achieve vision
- ▶ Ch 4 Parking & Curbside Management
 - ▶ On-street and off-street parking
 - ▶ Balancing needs of freight, private cars, rideshare, and bikes/scooters
- ▶ Ch 5 Smart Mobility
 - ▶ Developing policies and strategies for advancing smart mobility solutions to achieve our goals

OTHER PLANS AND RESOURCES

Existing City Plans and Policies

- [CoA Transportation Master Plan \(2008 & 2016 update\)](#)
- [CoA Strategic Plan FY 2017-2022](#)
- [2016 Transportation Needs Assessment](#)
- [CoA Complete Streets Policy/Guidelines](#)
- [CoA Bicycle and Pedestrian Master Plan Update \(2016\)](#)
- [CoA Environmental Action Plan 2040](#)
- [Vision Zero Action Plan](#)
- [GoAlex Travel Demand Management Program](#)
- [ITS Master Plan](#)
- [Smart Mobility Framework](#)
- [What's Next Alexandria Handbook](#)

OTHER PLANS AND RESOURCES

Regional Plans

- Virginia Department Of Transportation (VDOT): [VTrans2040](#)
 - Vision and Needs Assessment of corridors of regional and statewide significance
 - Feeds 2025 Action Plan
- Northern Virginia Transportation Authority (NVTA): [TransAction](#)
 - Future-looking project based planning document
- National Capital Planning Commission (NCPC): [Visualize2045](#)
 - Goals and objectives jurisdictions can help advance
 - Both financially constrained and unconstrained projects



NEXT STEPS (TENTATIVE)

Meeting #3	May 15, 2019	Trends / Best Practices
Meeting #4	June 19, 2019	Vision / Outreach Plan
Meeting #5	July 17, 2019	Innovation Forum
Meeting #6	September 18, 2019	SWOT / Guiding Principles
Meeting #7	October 16, 2019	Chapter Specific Goals and Objectives
Meeting #8	November 20, 2019	Smart Mobility Policy Questions
Meeting #9	December 18, 2019	TDM Strategies
Meeting #10	January 15, 2020	Streets Strategies
Meeting #11	February 19, 2020	Document Review / Draft Outreach
Meeting #12	March 18, 2020	Outreach Update
Meeting # 13	April 22, 2020	Updates to Draft / Endorsement



PUBLIC COMMENT



Thank you!

NEXT MEETING: Wednesday May 15, 2019

For more information visit

alexandriava.gov/mobilityplan

OR contact Jen Slesinger

Jennifer.Slesinger@alexandriava.com

(703)746-4007